Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

VOLUME 45.

1. HOGG, J. L. — Friction in Gases at Low Pressure. pp. 1–17. August, 1909. 25c.
2. SANGER, C. R., AND RIEGEL, E. R. — The Quantitative Determination of Antimony by the Gutzeit Method. pp. 19–27. 1 pl October, 1909. 25c.
3. KENNELLY, A. E. — The Equivalent Circuits of Composite Lines in the Steady State. pp. 29–75. November, 1909. 70c.
4. HEIDEL, W. A. — Περὶ Φύσεως. A Study of the Conception of Nature among the Pre-Socratics. pp. 77–133. January, 1910. $1.00.
5. BAXTER, G. P., AND JONES, G. — A Revision of the Atomic Weight of Phosphorus. First Paper. — The Analysis of Silver Phosphate. pp. 135–158. January, 1910. 40c.
6. PEARSE, A. S. — The Reactions of Amphibians to Light. pp. 159–208. January, 1910. 75c
7. DALY, R. A. — Average Chemical Compositions of Igneous-Rock Types. pp. 209–240. January, 1910. 70c.
8. DAVIS, H. N. — On the Applicability of the Law of Corresponding States to the Joule-Thomson Effect in Water and Carbon Dioxide. pp. 241–264. March, 1910. 50c.
9. DAVIS, H. N. — Notes on Certain Thermal Properties of Steam. pp. 265–311. 1 pl. March, 1910. 80c.
10. LYMAN, T. — The Spectrum of a Carbon Compound in the Region of Extremely Short Wave-Lengths. pp 313–322. March, 1910. 25c.
11. PIERCE, G. W. — Experiments on the Electrical Oscillations of a Hertz Rectilinear Oscillator. pp. 323–335. March, 1910. 30c.
12. PEIRCE, B. O. — The Conception of the Derivative of a Scalar Point Function with respect to Another Similar Function. pp. 337–352. April, 1910. 30c.
13. PEIRCE, B. O. — The Effect of Leakage at the Edges upon the Temperatures within a Homogeneous Lamina through which Heat is being Conducted. pp. 353–360. April, 1910. 20c.
14. MORSE, H. W. — On Evaporation from the Surface of a Solid Sphere. pp. 361–367. April, 1910. 20c.
15. MORSE, H. W. — Some Minute Phenomena of Electrolysis. pp. 369–376. April, 1910. 20c.
16. HALL, E. H. — Air Resistance to Falling Inch Spheres. pp 377–384. May, 1910. 20c.
17. WEATHERBY, C. A. — (I) A preliminary Synopsis of the Genus *Echeandia;* (II.) ROBINSON, B. L. — Spermatophytes, new or reclassified, chiefly *Rubiaceae* and *Gentianaceae;* (III) WEATHERBY, C. A. — American Forms of *Lycopodium complanatum;* (IV.) FERNALD, L. M. — New and little known Mexican Plants, chiefly *Labiatae;* (V) WEATHERBY, C A — Mexican Phanerogams. — Notes and new Species. pp. 385–428. May, 1910. 60c
18. THOMPSON, M. D. — (LIII) On the Equilibrium of the System consisting of Lime, Carbon, Calcium Carbide and Carbon Monoxide. pp. 429–452. May, 1910. 45c.
19. TROWBRIDGE, J. — Discharges of Electricity through Hydrogen. pp. 453–463. May, 1910. 25c.
20. BURLINGAME, E. W. — Buddhaghosa's Dhammapada Commentary. pp. 465–550. June, 1910. $1.10.
21. Records of Meetings; Officers and Committees; List of Fellows and Foreign Honorary Members; Statutes and Standing Votes, etc. 65c.

(Continued on page 2 of Cover.)

PUBLICATIONS

OF THE

AMERICAN ACADEMY OF ARTS AND SCIENCES.

MEMOIRS. OLD SERIES, Vols. 1–4; NEW SERIES, Vols. 1–13. 16 volumes, $10 each. Half volumes, $5 each. Discount to booksellers 25%; to members 50%, or for whole sets 60%.

Vol. 11. PART 1. Centennial Celebration. 1880. pp. 1–104. 1882. $2.00.
PART 2. No. 1. Agassiz, A. — The Tortugas and Florida Reefs. pp. 105–134. 12 pls. June, 1885. (Author's copies, June, 1883.) $3.00.
PART 3. Nos. 2–3. Searle, A. — The Apparent Position of the Zodiacal Light. pp. 135–157 *and* Chandler, S. C. — On the Square Bar Micrometer. pp. 158–178. October, 1885. $1.00.
PART 4. No. 4. Pickering, E. C. — Stellar Photography. pp. 179–226. 2 pls. March, 1886. $1.00.
PART 4. No. 5. Rogers, W. A., and Winlock, Anna. — A Catalogue of 130 Polar Stars for the Epoch of 1875.0, resulting from the available Observations made between 1860 and 1885, and reduced to the System of the Catalogue of Publication XIV of the Astronomische Gesellschaft. pp. 227–300. June, 1886. 75c.
PART 5. No. 6. Langley, S. P., Young, C. A., and Pickering, E. C. — Pritchard's Wedge Photometer. pp. 301–324. November, 1886. 25c.
PART 6. No. 7. Wyman, M. — Memoir of Daniel Treadwell. pp. 325–523. October, 1887. $2.00.

Vol. 12. 1. Sawyer, E. F. — Catalogue of the Magnitudes of Southern Stars from 0° to —30° Declination, to the Magnitude 7.0 inclusive. pp. 1–100. May, 1892. $1.50.
2. Rowland, H. A. — On a Table of Standard Wave Lengths of the Spectral Lines. pp. 101–186. December, 1896. $2.00.
3. Thaxter, R. — Contribution towards a Monograph of the Laboulbeniaceæ. pp. 187–430. 26 pls. December, 1896. $6.00.
4. Lowell, P. — New Observations of the Planet Mercury. pp. 431–466. 8 pls. June, 1898. $1.25.
5. Sedgwick, W. T., and Winslow, C. E. A.—(I.) Experiments on the Effect of Freezing and other low Temperatures upon the Viability of the Bacillus of Typhoid Fever, with Considerations regarding Ice as a Vehicle of Infectious Disease. (II.) Statistical Studies on the Seasonal Prevalence of Typhoid Fever in various Countries and its Relation to Seasonal Temperature. pp. 467–579. 8 pls. August, 1902. $2.50.

Vol. 13. 1. Curtiss, D. R. — Binary Families in a Triply connected Region, with Especial Reference to Hypergeometric Families. pp. 1–60. January, 1904. $1.00.
2. Tonks, O. S. — Brygos: his Characteristics. pp. 61–119. 2 pls. November, 1904. $1.50.
3. Lyman, T. — The Spectrum of Hydrogen in the Region of Extremely Short Wave-Length. pp. 121–148. pls. iii–viii. February, 1906. 75c.
4. Pickering, W. H. — Lunar and Hawaiian Physical Features Compared. pp. 149–179. pls. ix–xxiv. November, 1906. $1.10.
5. Trowbridge, J. — High Electro-motive Force. pp. 181–215. pls. xxv–xxvii. May, 1907. 75c.
6. Thaxter, R. — Contribution toward a Monograph of the Laboulbeniaceæ. Part II. pp. 217–469. pls. xxviii–lxxi. June, 1908. $7.00.

PROCEEDINGS. Vols. 1–43, $5 each. Discount to booksellers 25%; to members 50%, or for whole sets 60%.

The individual articles may be obtained separately. A price list of recent articles is printed on the inside pages of the cover of the Proceedings.

Complete Works of Count Rumford. 4 vols., $5.00 each.

Memoir of Sir Benjamin Thompson, Count Rumford, with Notices of his Daughter. By George E. Ellis. $5.00.

Complete sets of the Life and Works of Rumford. 5 vols., $25.00; to members, $5.00.

For sale at the Library of THE AMERICAN ACADEMY OF ARTS AND SCIENCES, 28 Newbury Street, Boston, Massachusetts.